

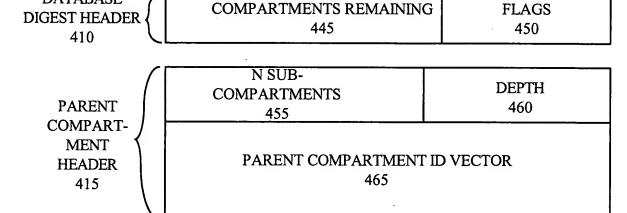
110

FIG. 2

**FIG. 3** 

**TYPE** MESSAGE LENGTH 425 430 **MESSAGE ROUTER ID HEADER** 435 405 AREA ID 440 **DATABASE** COMPARTMENTS REMAINING **FLAGS DIGEST HEADER** 445 450 410 N SUB-DEPTH **COMPARTMENTS PARENT** 460 455 COMPART-**MENT** PARENT COMPARTMENT ID VECTOR **HEADER** 465 415 SUB-COMPARTMENT 1 ID 470-1 **VARIABLE** SUB-COMPARTMENT 1 DIGEST LENGTH LIST OF 475-1 SUB-**COMPARTMENTS** OF PARENT **COMPARTMENT** SUB-COMPARTMENT N ID 420 470-N SUB-COMPARTMENT N DIGEST 475-N

**FIG. 4** 



VARIABLE
LENGTH LIST OF
SUBCOMPARTMENTS
OF PARENT
COMPARTMENT
510

SYNC
SUB-COMPARTMENT 1 ID
470-1

SYNC
SUB-COMPARTMENT N ID
470-N

FIG. 5

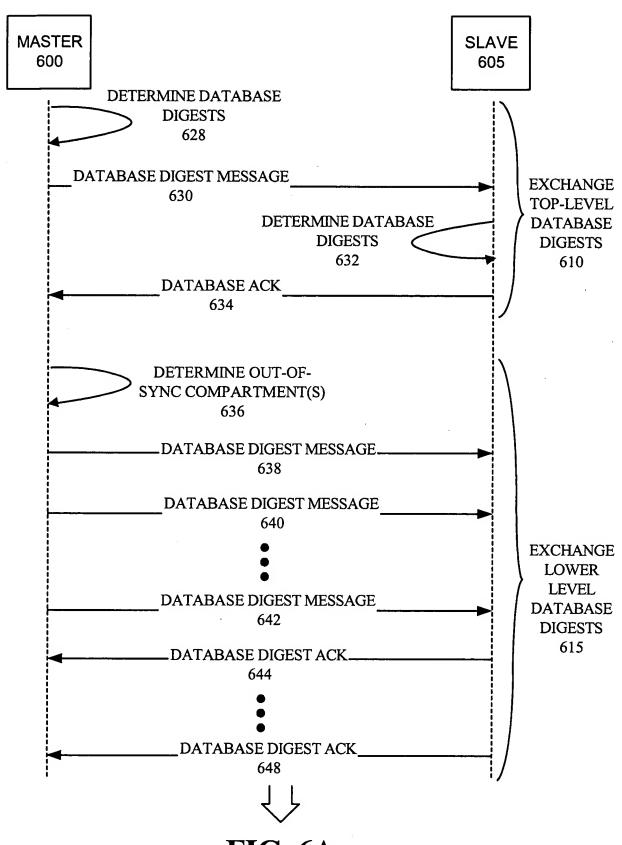


FIG. 6A

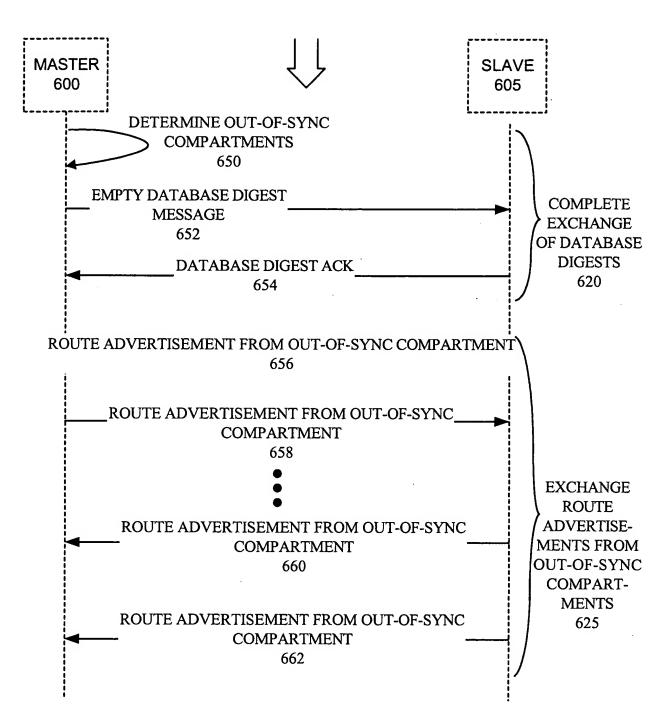
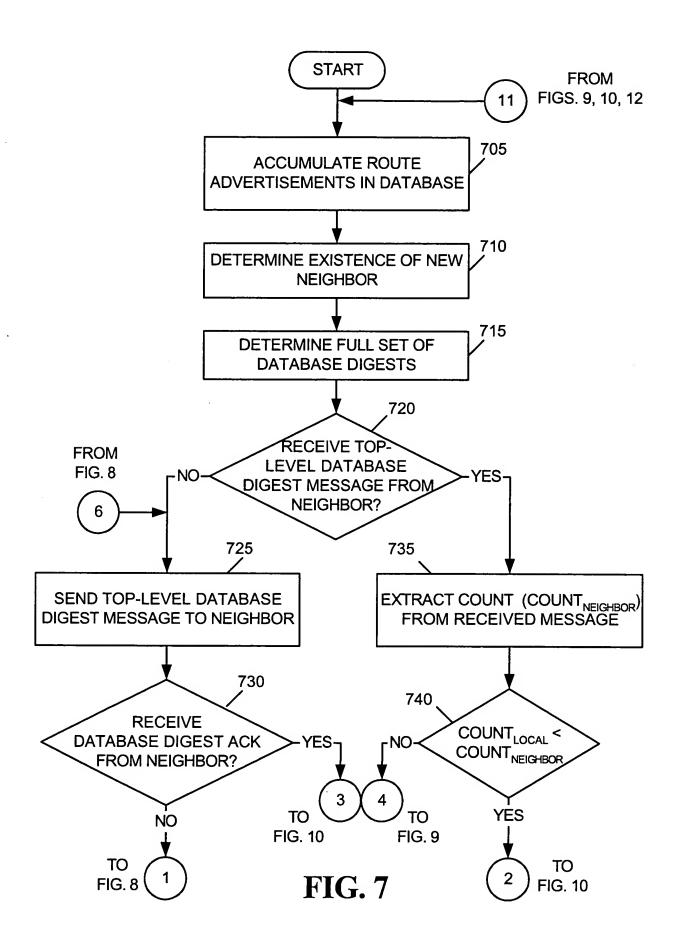


FIG. 6B



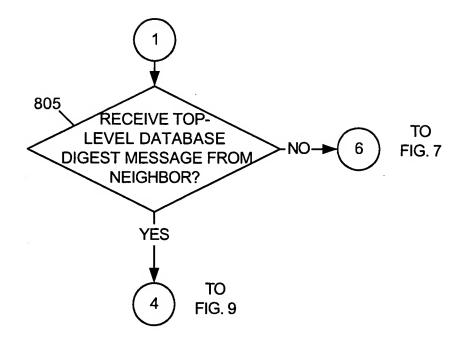


FIG. 8

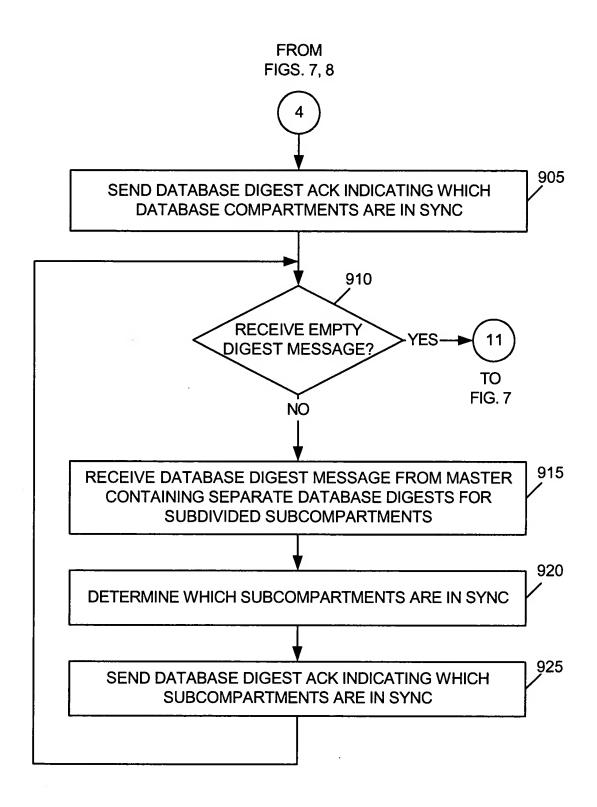
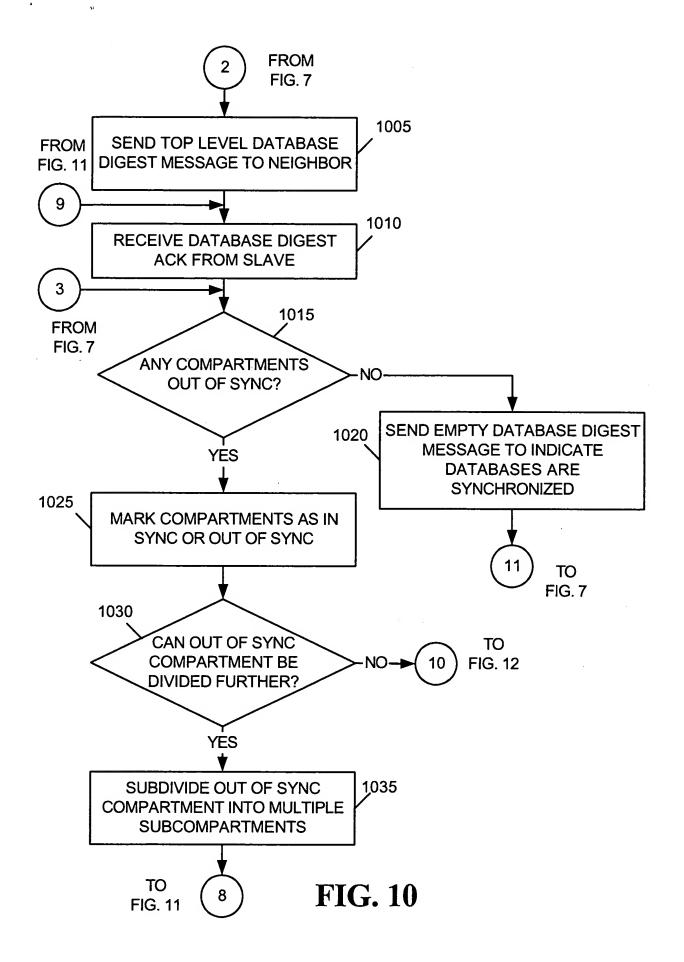
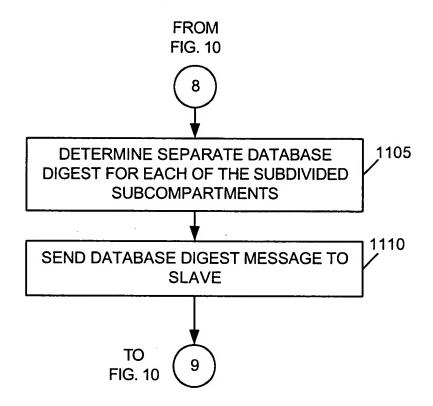
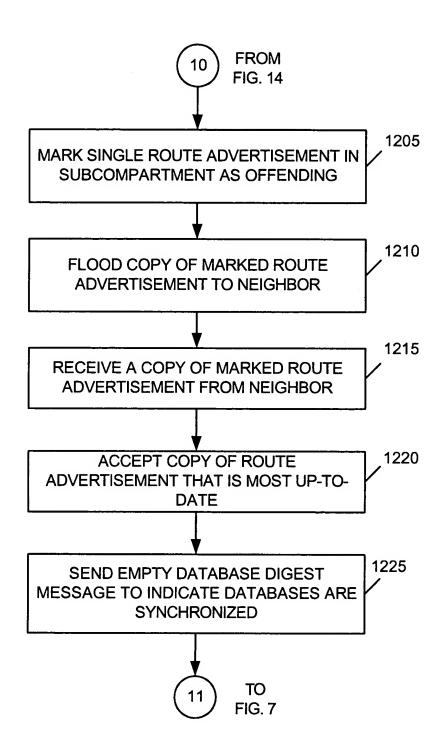


FIG. 9





**FIG. 11** 



**FIG. 12**